Action ready climate knowledge to improve disaster risk management for small holder farmers in the Philippines

PIDS ACIAR Project

Household Survey in Benguet, Philippines, 2018 Module on Women Empowerment Questions in Agriculture

Celia M. Reyes, PhD
PIDS Research Fellow, Emeritus





ACTION READY CLIMATE KNOWLEDGE TO IMPROVE DISASTER RISK MANAGEMENT FOR SMALLHOLDER FARMERS IN THE PHILIPPINES











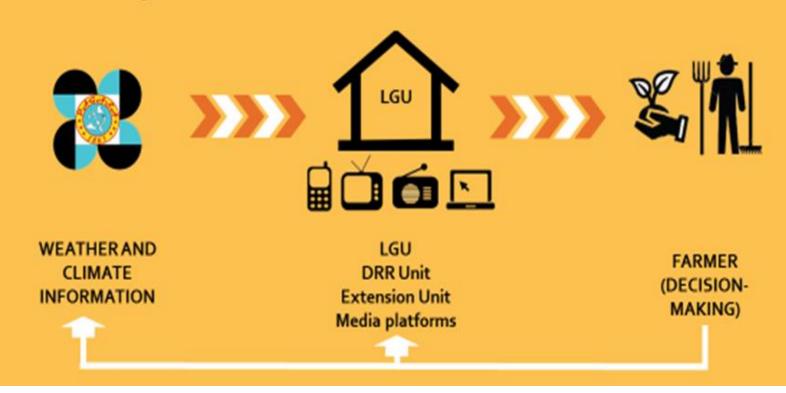




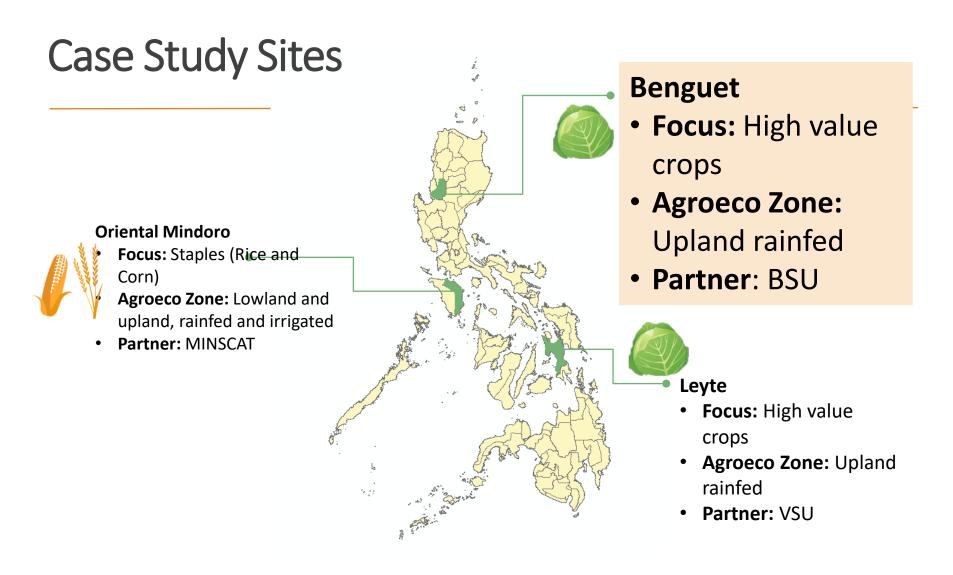


PROJECT AIM

Improve the value of information flows between PAGASA and key decision makers involved in managing climate and weather risk of small-holder farmers.







PIDS ACIAR survey included a module inspired by the IFRI WEIA questions

- Module G2: Role in household decision-making around productions and income generation
- Module G3A: Access to productive capital
- Module G3B: Access to credit
- Module G4: Individual leadership and influence in the community and group membership
- Module G5A: Decision making
- Module G5B:Motivation for decision making

Module 8: PIDS ACIAR survey included questions related to Women Empowerment

- Module 8 had 18 questions (listed as activities)
 - Did you participate in the ___?
 - When decisions are made regarding ___, who is it that normally takes the decision?
 - How much input did you have in making decisions about ___?
- Women's participation was asked in three (3) main groups of questions:
 - Household income generation
 - Household consumption
 - Household adaptation and mitigation

We included set of activities that required decisions related to weather information

- Making sure to check the weather updates especially before planting, fertilizing, and harvesting of vegetables and other crops.
- Consider the weather forecast in farming activities (planting, weeding, fertilizing, harvesting)
- Consider the weather forecast in transporting crops (vegetables, cut flowers, rice and corn)

Learnings about the IFRI WEIA questions

- Adapting IFRI WEIA questions to local context
 - Type of specific farm activities (planting, harvesting, etc)
 - Agriculture/Farm location (upland, low-land)
 - Specific crops (cabbage, carrots, potato, rice and corn)
- Possible inclusion of weather and climate related information in the questions
 - Relates to gender specific decisions within the household
 - Understand intra-household adaptation and mitigation measures

Extent of Women Involvement/Participation in Decision-making Activities

Consideration and Use of Weather and Climate Information

Non-farm Activities



- Little to no input in decisions
- Input into most or all decisions



- Input into some decisions
- Not Applicable / No decision made

Source of basic data: PIDS ACIAR Survey in Benguet, Philippines , 2018



Women Involvement/Participation in Consideration and Use of Weather and Climate Information

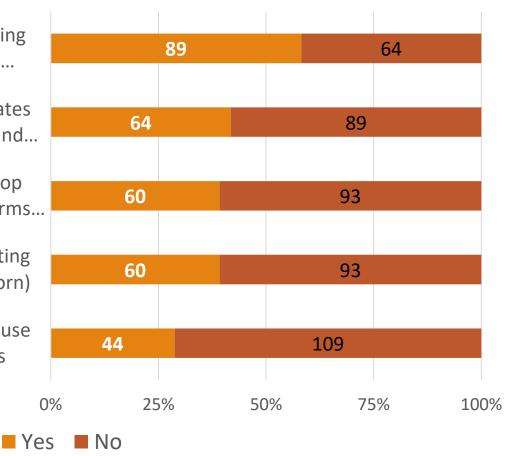
Consider the weather forecast in our farming activities (planting, weeding, fertilizing,...

Making sure to check the weather updates especially before planting, fertilizing, and...

Consider the climate forecast in your crop choice, planting calendar and levels of farms...

Consider the weather forecasting in transporting our crops (vegetables, cut flowers, rice and corn)

Consider the climate projection in your land use decisions and long-term farm investments



Source of basic data: PIDS ACIAR Survey in Benguet, Philippines , 2018 $\,$



Women Involvement/Participation in Non-Farm Activities

■ Yes ■ No

Routine household purchases (food for daily consumption or other household needs)

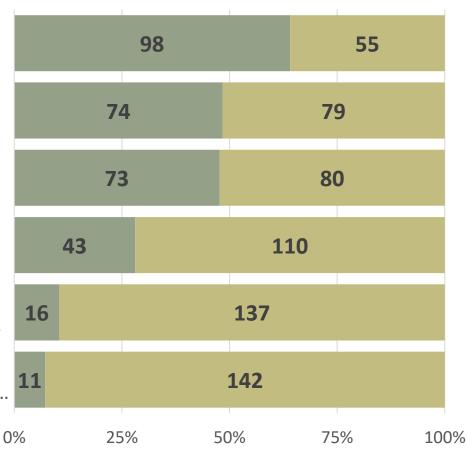
Joined savings-credit group/cooperative andconsidering insurance

Pursued other means to generate additional income

Undertook improvements to make house more resilient to flooding and typhoon

Non-farm economic activities in other sectors (running a small business, self-employment,...

Large, occasional household purchases (motorcycles, land, transport vehicles, heavy...



Source of basic data: PIDS ACIAR Survey in Benguet, Philippines , 2018 $\,$



Women Involvement/Participation in Farm Related Activities

Harvesting of vegetables and other crops earlier than scheduled

Vegetables and other crop farming, processing, trading or marketing

Staple grain farming, processing, trading or marketing: grains that are grown primarily for food consumption

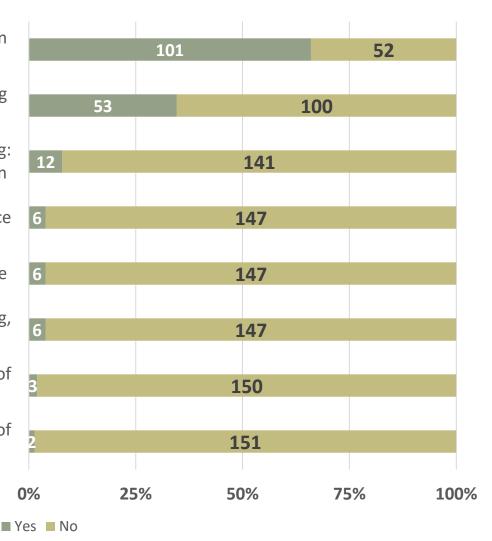
Moved farm/fishing equipment to safe place

Moved livestock, poultry and swine to safe place

Poultry and other small animals raising and processing, trading or marketing of eggs, meat or meat products

Swine raising or processing, trading or marketing of meat or meat products

Livestock raising or processing, trading or marketing of milk, meat or meat products



Source of basic data: PIDS ACIAR Survey in Benguet, Philippines , 2018







Thank you!